

Ackerman, Joyce

From: Stovall - CDPHE, Curtis <curtis.stovall@state.co.us>
Sent: Monday, November 6, 2017 11:38 AM
To: Dave Stewart, P.E.
Cc: Walker - CDPHE, David; Ackerman, Joyce; MacGregor - CDPHE, Kelly; Richard Dean
Subject: Neuhauser Landfill - NGPRS Report

Dave,

The purpose for my call this morning was to follow-up on our brief discussion last Monday during the site visit. The Division would like to schedule a meeting or conference call with NGPRS and you to discuss the EM61 investigation and reporting. Here is a preview of some of our questions/comments:

1. Based on the drawings, the entire waste footprint in both areas (Area 1 and 2) was not covered by the EM61 survey. Why?
2. Why were certain anomaly locations ruled out as not likely indicative of drums?
3. Why is a 15-foot line spacing deemed adequate?
4. Was the survey conducted in a grid or was it conducted only in single-direction lines?
5. Why weren't the survey lines/grid plotted for the drum investigation? They were only plotted for the bedrock investigation.
6. At the bottom of page 2, the report states that Channel 1 was selected because it provides the deepest exploration depth. What is the exploration depth in waste areas?
7. The second bullet item on page 3 seems to rule out anomalies in the central portion of the landfill. Why? What is the basis for this?
8. The second bullet on page 3 seems to identify 4 anomaly locations, while Exhibit A-2 seems to identify 5 locations.
9. Test pits are not plotted on any drawing so it's unclear which anomalies (and to what extent those anomalies) were investigated.
10. What do the red dots and violet-colored areas represent on Exhibit A-1?
11. The staked area in the field near MW-2 seems to be much smaller than the anomaly area. Why?

We look forward to discussing these issues with you.

Thanks,
Curt

--
Curt Stovall, P.E.
Environmental Protection Specialist
Solid Waste Permitting Unit
Solid Waste and Materials Management Program



COLORADO
Hazardous Materials
& Waste Management Division
Department of Public Health & Environment

P 303.692.2295 | F 303.759.5355
4300 Cherry Creek Drive South, Denver, Colorado 80246-1530
curtis.stovall@state.co.us | www.colorado.gov/cdphe/hm